

Appln No. 10/715,221
Amdt date April 28, 2008
Reply to Office action of December 26, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-23. (Canceled)

Claim 24. (Currently Amended) A medical apparatus for remodeling a mitral valve annulus adjacent to the coronary sinus, comprising:

an elongate body sized for implantation at least partially within the coronary sinus, the elongate body having a proximal end and a distal end, movable between a first configuration for transluminal delivery to at least a portion of the coronary sinus and a second configuration for remodeling the mitral valve annulus from within the coronary sinus;

a forming element attached to the elongate body at a point of attachment for manipulating the elongate body between the first transluminal configuration and the second remodeling configuration, wherein the forming element is slidably contained within the elongate body between the attachment point and the proximal end; and

a cardiac pacing electrode, carried by the body;

wherein ~~at least~~ a portion of the forming element is configured to be removable after implantation of the elongate body within the coronary sinus while a remaining portion of the forming element is contained within the elongate body.

Claim 25. (Withdrawn) The medical apparatus according to claim 24, wherein the electrode comprises an axially extending strip.

Claims 26-30. (Canceled)

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Claim 31. (Previously Presented) The medical apparatus according to claim 24, wherein the forming element is movable relative to the elongate body in order to adjust the elongate body within the coronary sinus between the first and second configurations.

Claim 32. (Original) The medical apparatus according to claim 24, wherein the elongate body defines an arc when in the remodeling configuration.

Claim 33. (Original) The medical apparatus according to claim 32, wherein a best fit constant radius curve corresponding to the arc has a radius within the range of from about 10 mm to about 20 mm.

Claim 34. (Original) The medical apparatus according to claim 24, further comprising a lock, for retaining the body in the second configuration.

Claim 35. (Withdrawn) The medical apparatus according to claim 34, wherein the lock comprises an interference fit.

Claim 36. (Original) The medical apparatus according to claim 34, wherein the lock comprises an engagement surface, which is movable between a first, disengaged configuration and a second, engaged configuration.

Claim 37. (Original) The medical apparatus according to claim 24, further comprising a coating on the body.

Claim 38. (Original) The medical apparatus according to claim 24, wherein the apparatus is movable from the implantation configuration to the remodeling configuration in response to proximal retraction of the forming element.

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Claim 39. (Withdrawn) The medical apparatus according to claim 24, wherein the apparatus is movable from the implantation configuration to the remodeling configuration in response to distal advancement of the forming element.

Claim 40. (Original) The medical apparatus according to claim 24, further comprising an anchor for retaining the apparatus at a deployment site within a vessel.

Claim 41. (Withdrawn) The medical apparatus according to claim 40, wherein the anchor comprises a distal extension of the apparatus.

Claim 42. (Original) The medical apparatus according to claim 40, wherein the anchor comprises a friction enhancing surface structure for engaging the wall of the vessel.

Claim 43. (Withdrawn) The medical apparatus according to claim 40, wherein the anchor comprises at least one barb for piercing the wall of the vessel.

Claim 44. (Original) The medical apparatus according to claim 40, wherein the apparatus has an axial length of no more than about 10 cm.

Claim 45. (Previously Presented) The medical apparatus according to claim 24, wherein the maximum cross sectional dimension through the apparatus is no more than about: 10 mm².

Claim 46. (Original) The medical apparatus according to claim 24, further comprising an axially extending support in the body, attached to the forming element.

Claims 47-49. (Canceled)

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Claim 50. (Previously Presented) The medical apparatus according to claim 24, comprising only one forming element attached to the elongate body at the point of attachment for manipulating the elongate body between the first transluminal configuration and the second remodeling configuration.